

Title (en)
DEVICE FOR FILLING OF CONTAINERS OF COLLAPSABLE TYPE

Title (de)
VORRICHTUNG ZUR BEFÜLLUNG VON FALTBEHÄLTERN

Title (fr)
DISPOSITIF POUR REMPLIR DES CONTENANTS DE TYPE PLIABLE

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Application
EP 07835141 A 20071025

Priority

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Abstract (en)

[origin: WO2008051151A1] The invention relates to a device for filling a container of a collapsible type with a product in the form of powder or liquid, said container having a compartment which is defined by flexible walls and whose volume is dependent on the relative position of the walls and which communicates with the surroundings through a filling duct of the container, comprising a valve housing with a filling tube, which is insertable into said filling duct of the container to supply a product to the compartment of the container through a product path which is defined by the valve housing and its filling tube, a piston element arranged in the product path and comprising a valve body and, arranged downstream thereof, an end element, the piston element being movable between a first position, in which the valve body abuts against a valve seat of the valve housing to block the product path and the end element is arranged in or adjacent to an outlet portion of the filling tube to counteract dripping, and a second position, in which the valve body is displaced from the valve seat to open the product path and the end element takes a position, in which it defines, together with the outlet portion, a filling passage, and a squeezing means, which is arranged to grip the filling tube and the filling duct when said filling tube is inserted in said filling duct to establish a seal between the filling tube and the filling duct, said filling tube being made of a rigid material.

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Citation (search report)

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